



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT TRADEMARK OFFICE

Art Unit : 1652
Examiner : R. Hutson
Serial No. : 08/808,031
Filed : March 3, 1997
Inventor : Sumiko Inouye
: Mei-Yin Hsu
: Masayori Inouye
: Susan Eagle
: Bert C. Lampson
: Jung Sun
: Jorge Vallejo-Ramirez
Title : PROKARYOTIC REVERSE TRANSCRIPTASE

Docket: 1491-CIP10-00
(Formerly 377.5888P)

Dated: June 29, 2001

AMENDMENT AND ARGUMENT

Box AF
Commissioner for Patents
Washington, DC 20231

Sir:

In response to a Final Official Action dated December 29, 2000, the Applicants amend the application, without prejudice, as follows:

In the Claims

(clean copy as amended)

Surf KJ

17. (Twice Amended) The isolated and purified bacterial reverse transcriptase (RT) of claim 13 which RT has in the following order starting from N- to the C- terminus, an amino acid sequence of Asn-Xaa1-Xaa2, where Xaa1 is a hydrophobic residue selected from the group consisting of alanine, leucine and phenylalanine and Xaa2 is a hydrophobic residue selected from the group consisting of leucine, valine and isoleucine, an amino acid sequence of Ser-Xaa3-Xaa4-Xaa5 SEQ ID: 51, wherein Xaa3 is a